

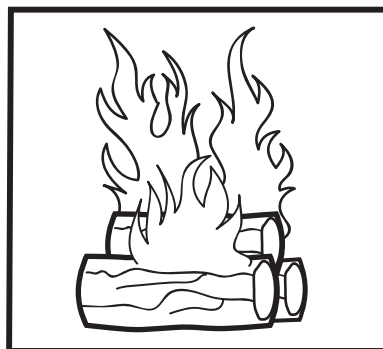
**Alaska Department Of Education & Early Development  
Assessment & Accountability Unit**

**Practice Test**

**Alternate Assessment - SCIENCE  
STUDENT MATERIALS**

**TASK 1.4: CONCEPTS OF PHYSICAL SCIENCE**

Item 1: Is a fire cold, hot, or soft?



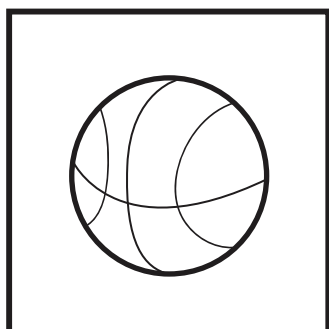
fire

**cold**

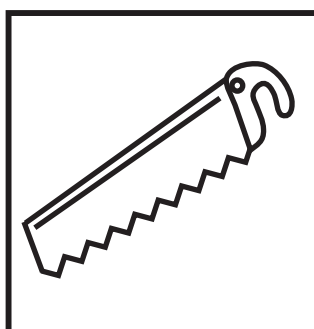
**hot**

**soft**

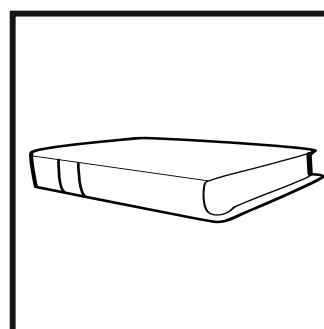
Item 2: Which one is made of paper?



basketball

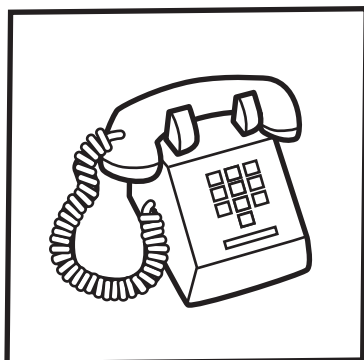


saw

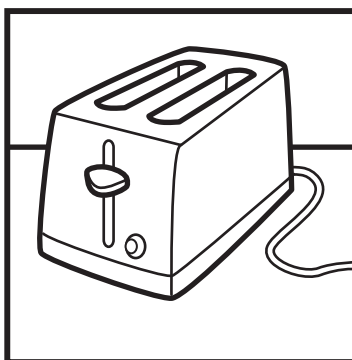


book

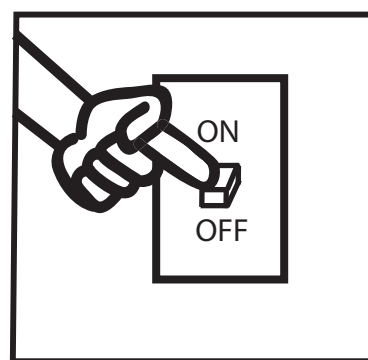
Item 3: Which one shows how to turn on a light bulb?



telephone



toaster



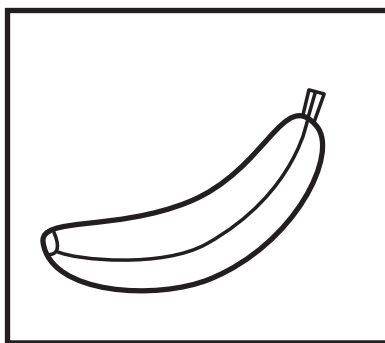
switch

## TASK 1.4: CONCEPTS OF PHYSICAL SCIENCE

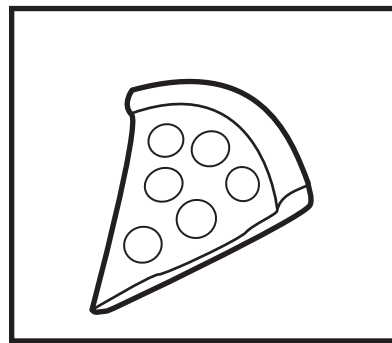
Item 4: Which picture shows a liquid?



milk

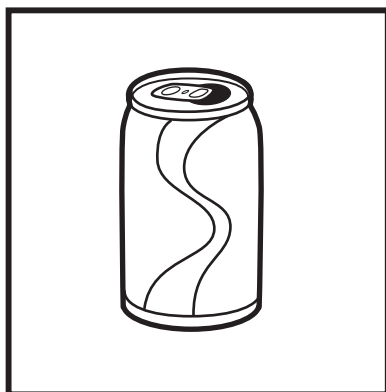


banana

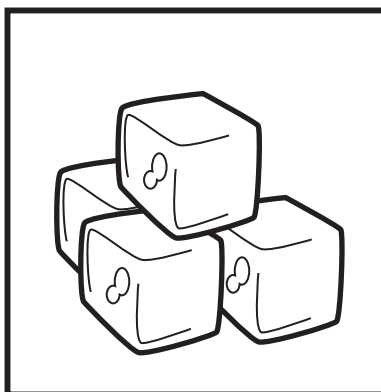


pizza

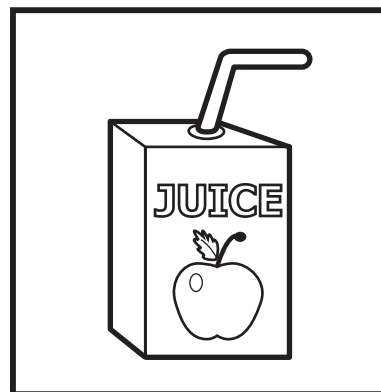
Item 5: Which picture shows ice?



can

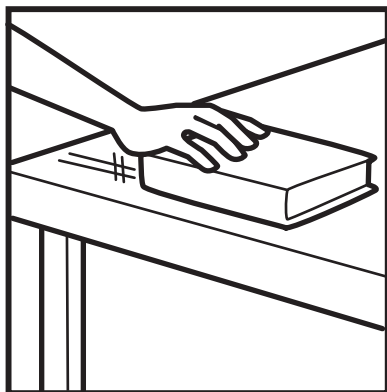


ice cubes

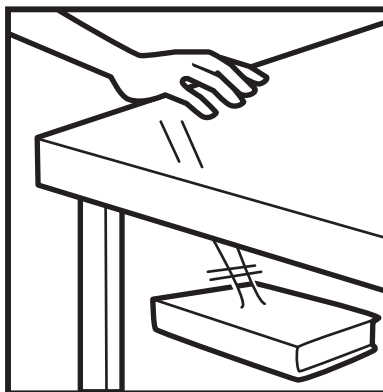


juice box

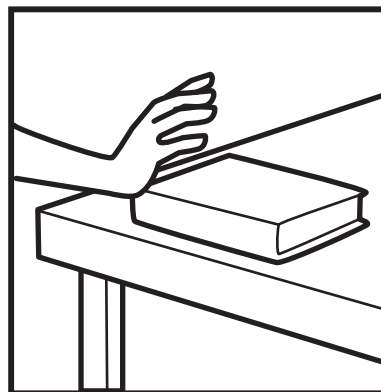
Item 6: Which picture shows a book dropping to the floor?



1



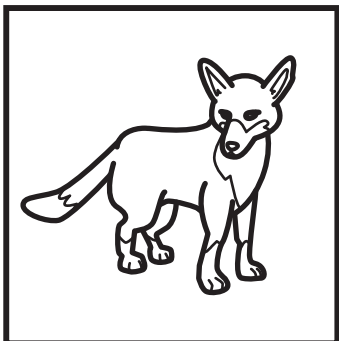
2



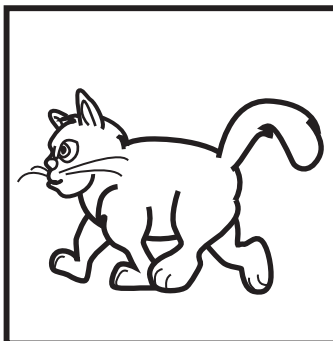
3

**TASK 2.4: CONCEPTS OF LIFE SCIENCE**

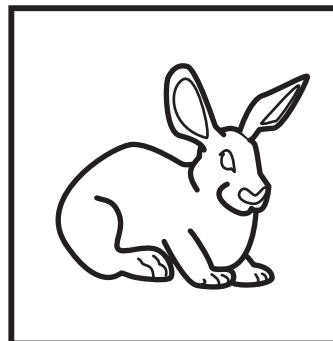
Item 1: Which picture shows the parent of a bunny?



fox

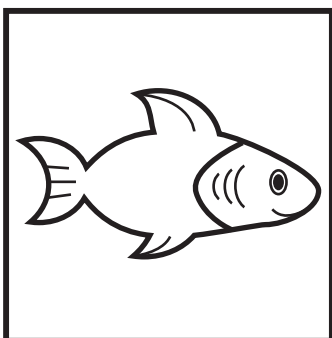


cat

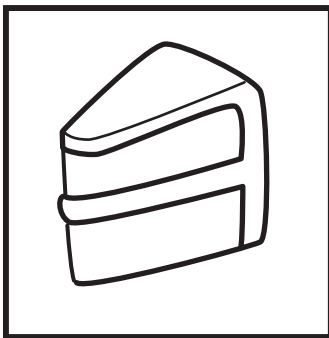


rabbit

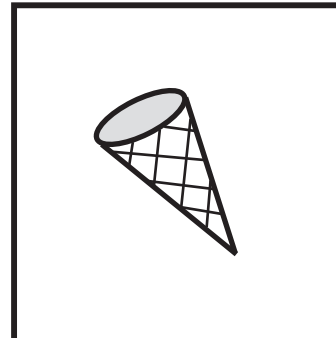
Item 2: Which one develops from parents?



fish

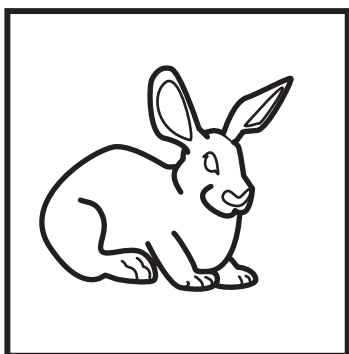


cake

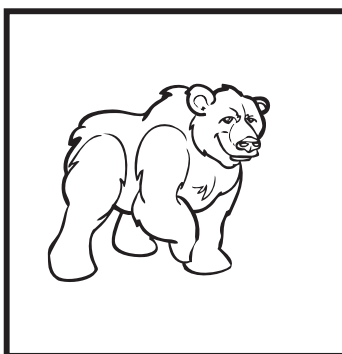


ice cream cone

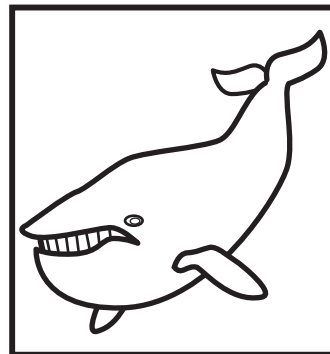
Item 3: Which animal lives in water?



rabbit



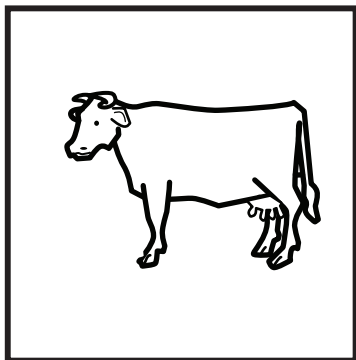
bear



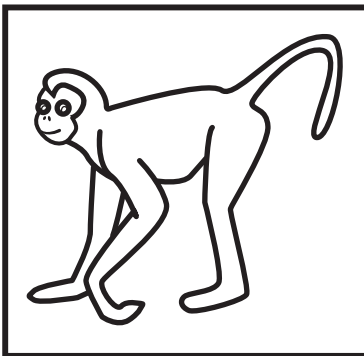
whale

**TASK 2.4: CONCEPTS OF LIFE SCIENCE**

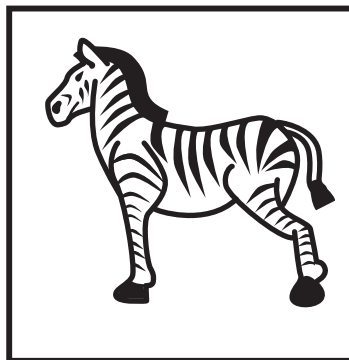
Item 4: Which animal can climb a tree?



cow

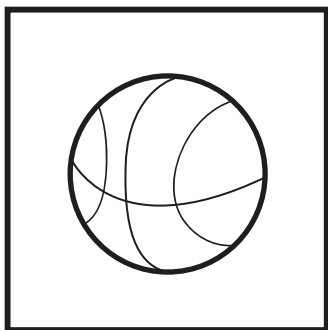


monkey

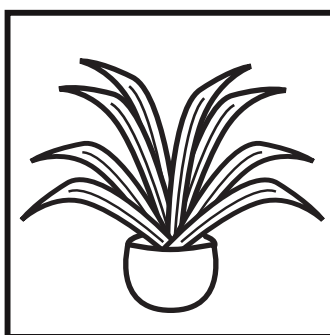


zebra

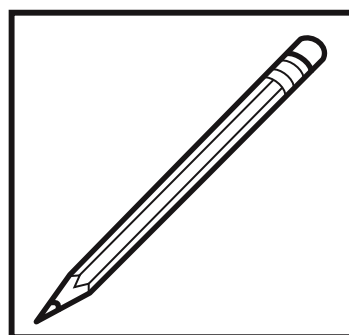
Item 5: Which picture shows a living thing?



basketball

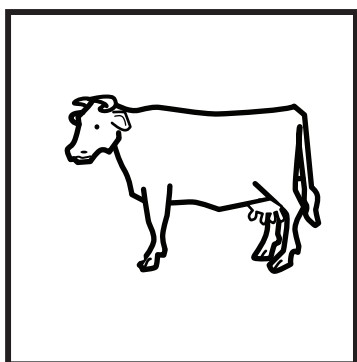


plant

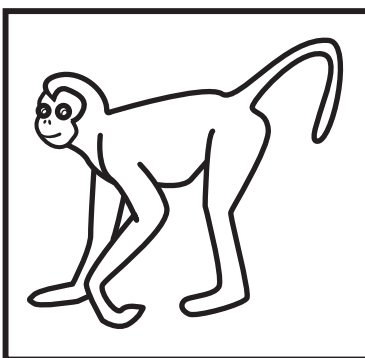


pencil

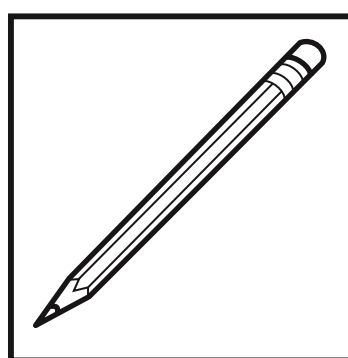
Item 6: Which one is non-living?



cow



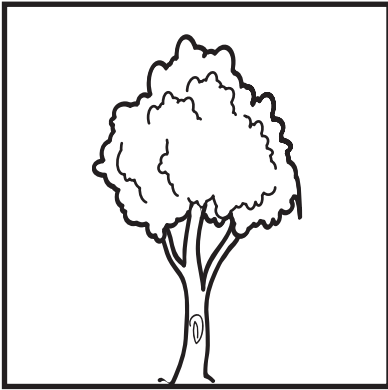
monkey



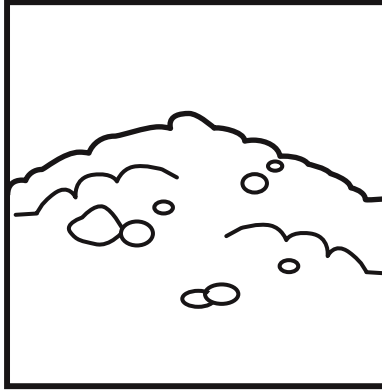
pencil

**TASK 3.4: CONCEPTS OF EARTH SCIENCE**

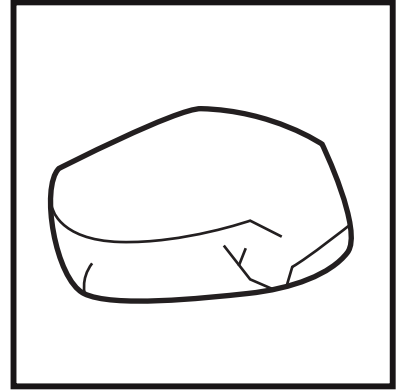
Item 1: Which picture shows soil/dirt?



1



2

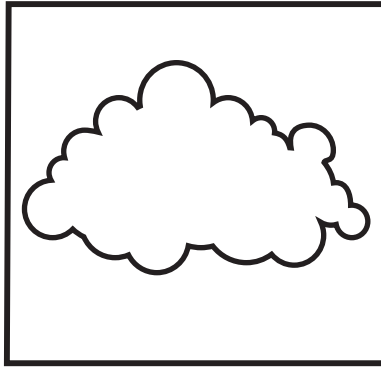


3

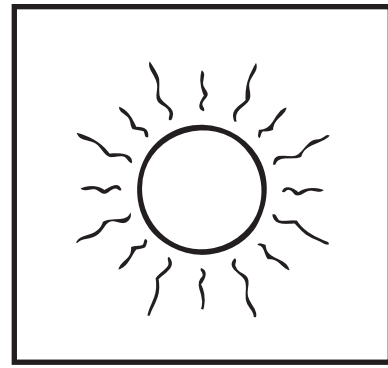
Item 2: Which picture shows when the weather is wet?



1

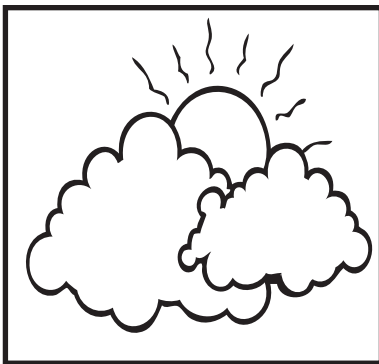


2

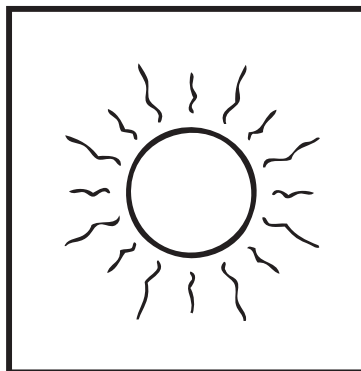


3

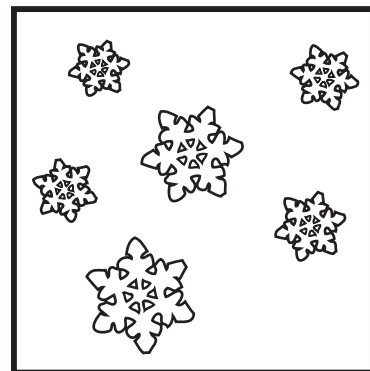
Item 3: Which picture shows when it is likely to be hot?



cloudy



sunny



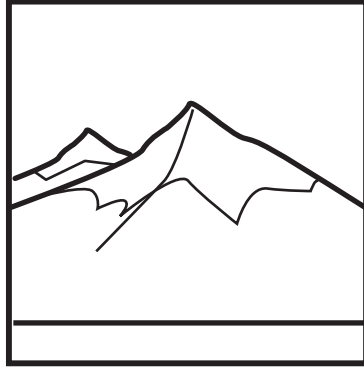
snowy

## TASK 3.4: CONCEPTS OF EARTH SCIENCE

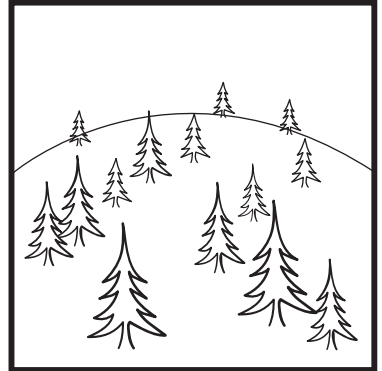
Item 4: Which picture shows a river?



1



2

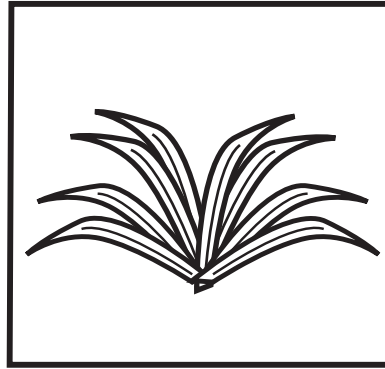


3

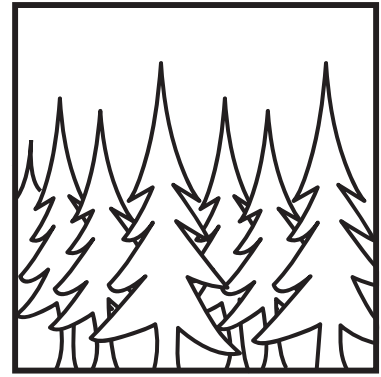
Item 5: Which picture shows a forest?



1

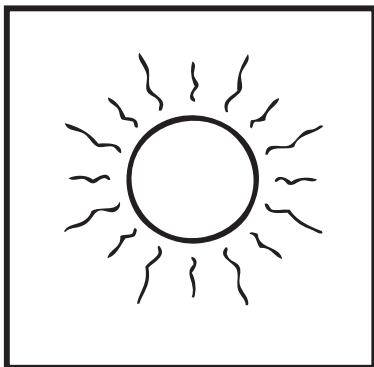


2

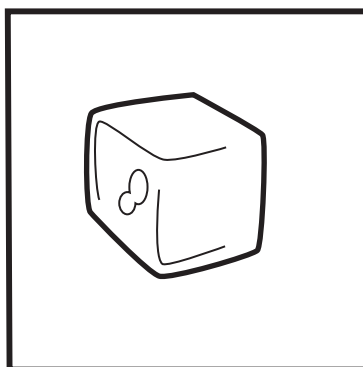


3

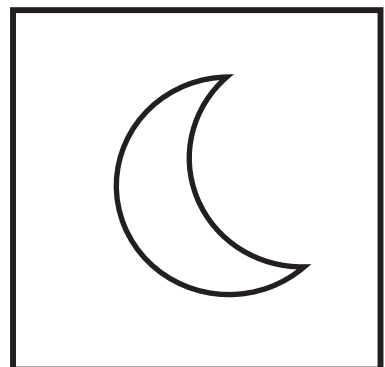
Item 6: Which one are you most likely to see when it is daylight?



Sun



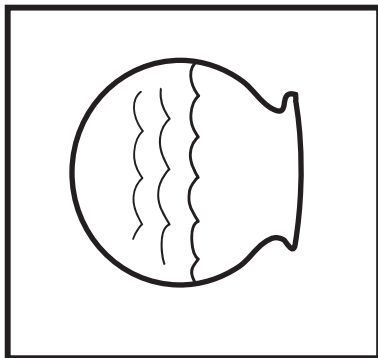
ice cube



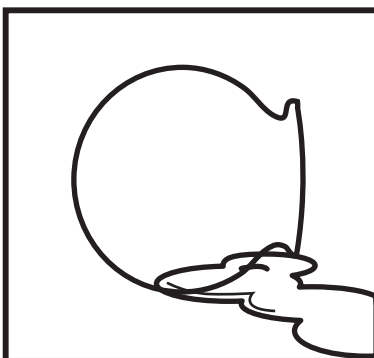
Moon

**TASK 4.4: HISTORY AND NATURE OF SCIENCE,  
SCIENCE AND TECHNOLOGY**

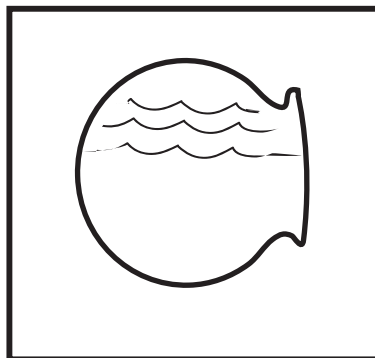
Item 1: What happens if the bowl of water gets tipped on its side?



water stays the same

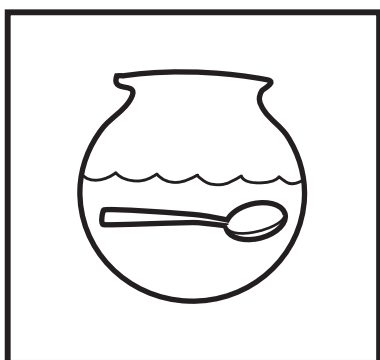


water spills out

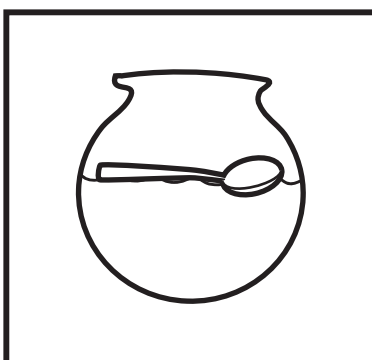


water goes to the top

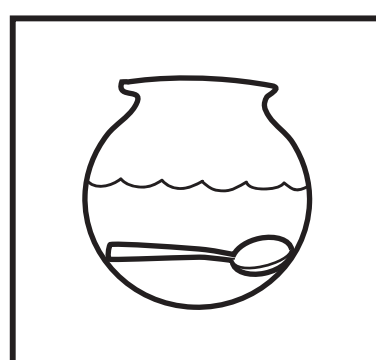
Item 2: What happens when a metal spoon is dropped in a bowl with water?



floats in the middle

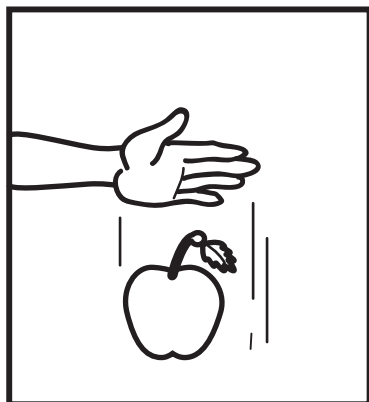


floats on top

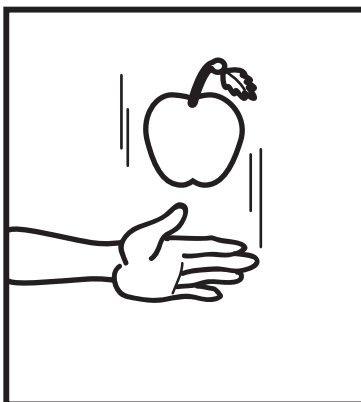


sinks to the bottom

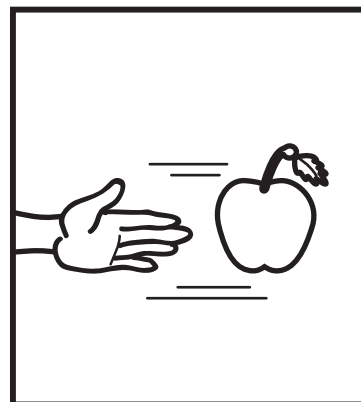
Item 3: Which way will the apple go when it is dropped?



The apple falls  
to the ground.



The apple floats up  
into the air.

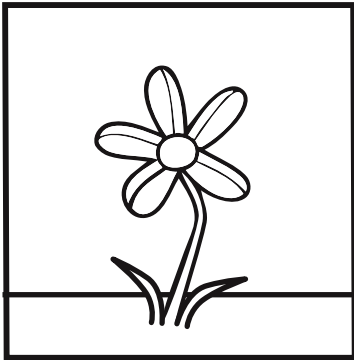


The apple moves  
to the side.

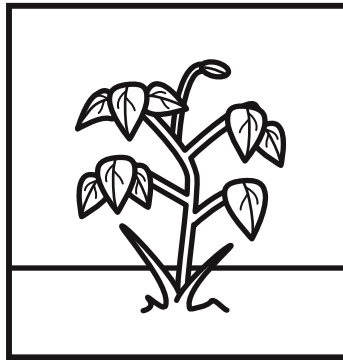


**TASK 4.4: HISTORY AND NATURE OF SCIENCE,  
SCIENCE AND TECHNOLOGY**

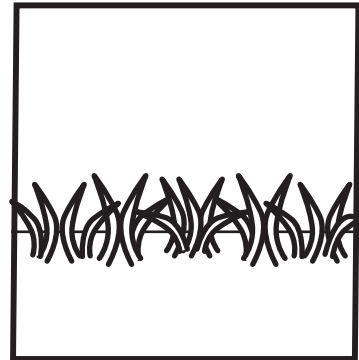
Item 4: Which one is grass?



1

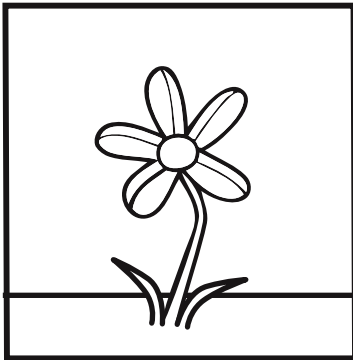


2

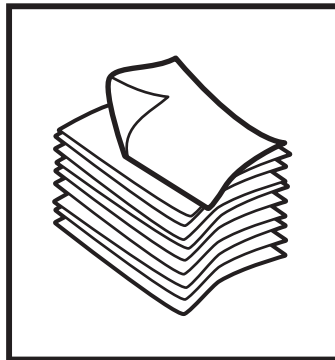


3

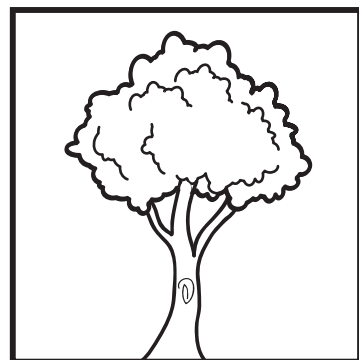
Item 5: Which one does wood come from for making a pencil?



flower

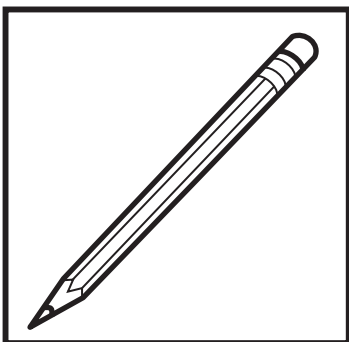


paper

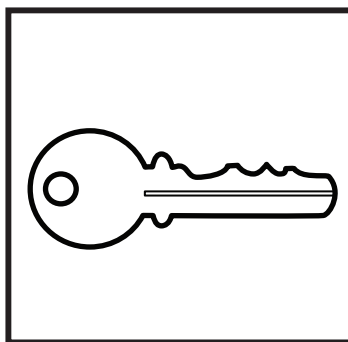


tree

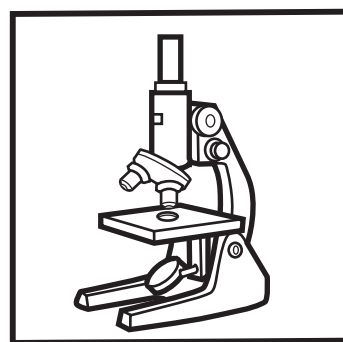
Item 6: Which one would you use to write on a piece of paper?



pencil



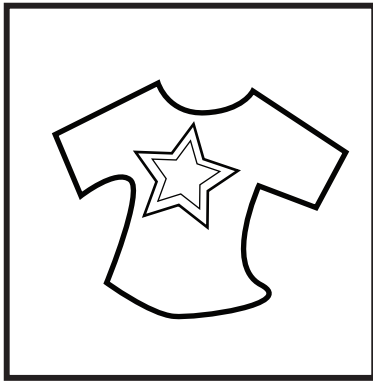
key



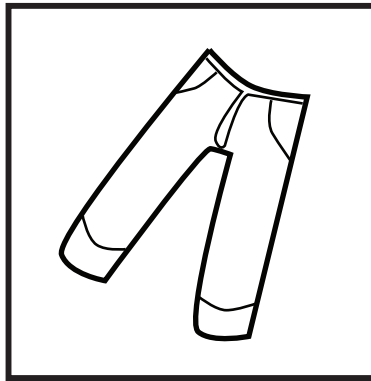
microscope

**TASK 4.8: SCIENCE AND TECHNOLOGY**

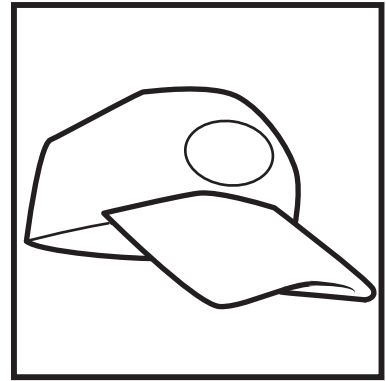
Item 1: What would someone wear to protect their eyes from the sun?



shirt

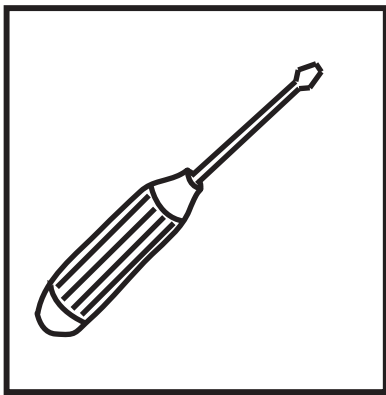


pants

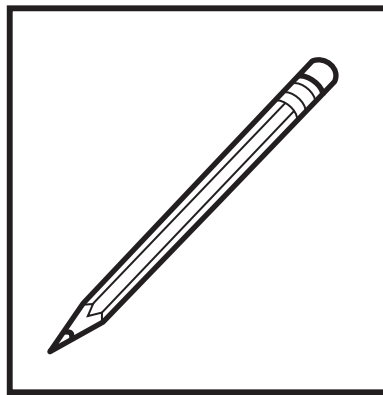


cap

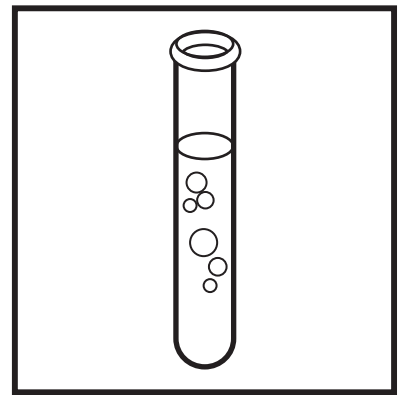
Item 2: Which tool would you use to write on a piece of paper?



screw driver

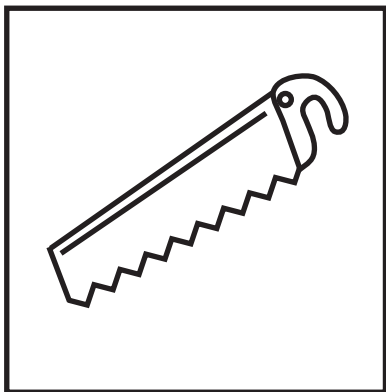


pencil

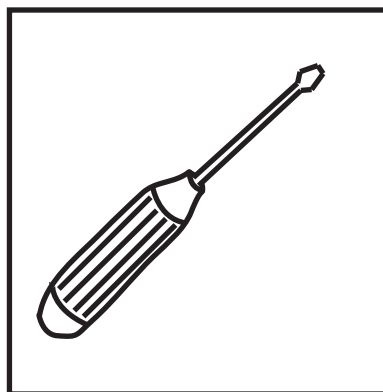


test tube

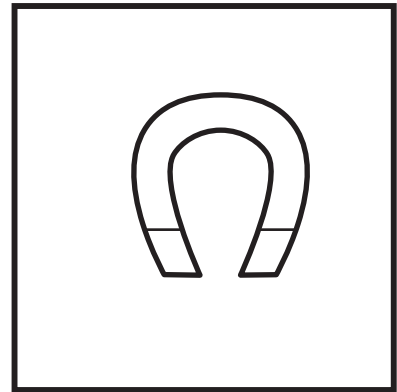
Item 3: Which tool would best attract a piece of metal?



saw



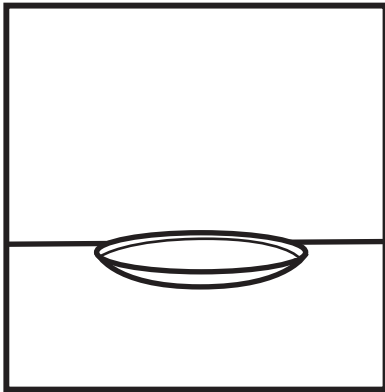
screw driver



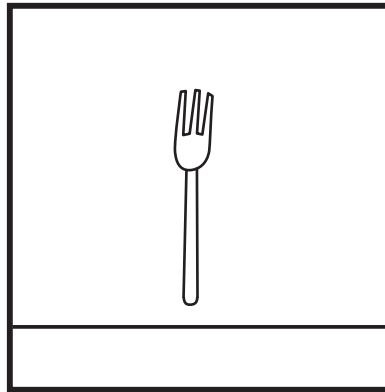
magnet

**TASK 4.8: SCIENCE AND TECHNOLOGY**

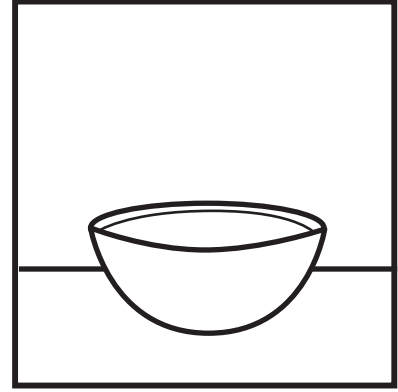
Item 4: Which of these would you use to bring food to your mouth?



plate

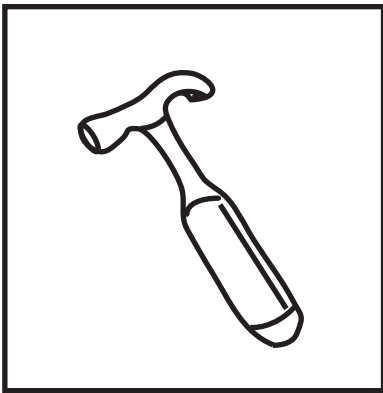


fork

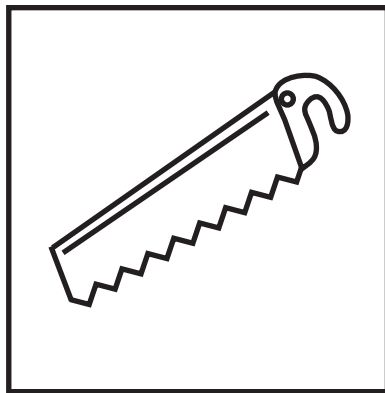


bowl

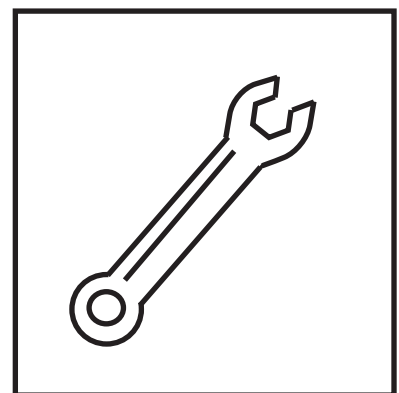
Item 5: Which tool would you use to pull nails out of a board?



hammer

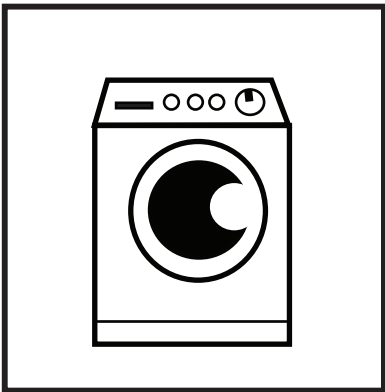


saw

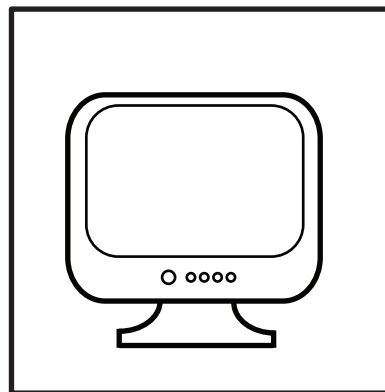


wrench

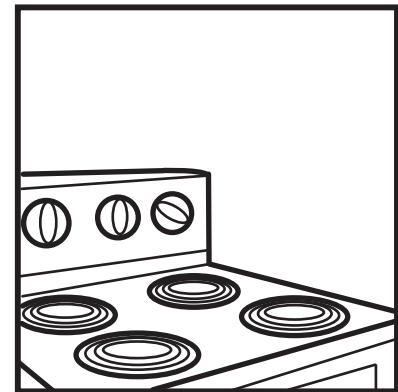
Item 6: Which picture shows something you can cook food on?



washing machine



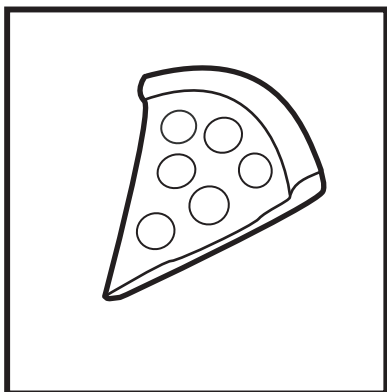
television



stove

## TASK 1.10: CONCEPTS OF PHYSICAL SCIENCE

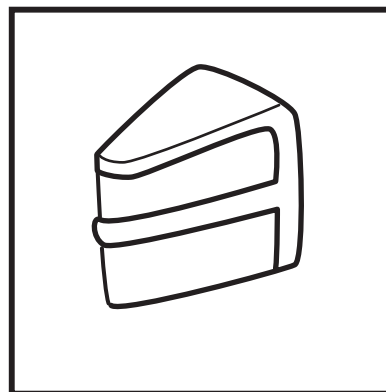
Item 1: Which picture shows something that goes into making ice cream?



pizza

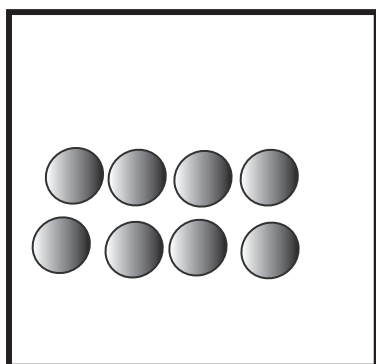


milk

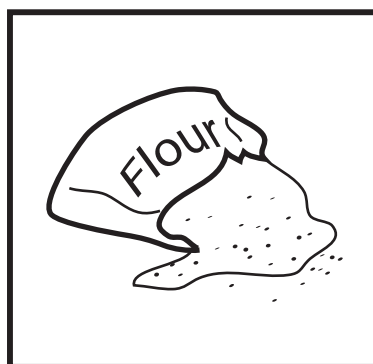


cake

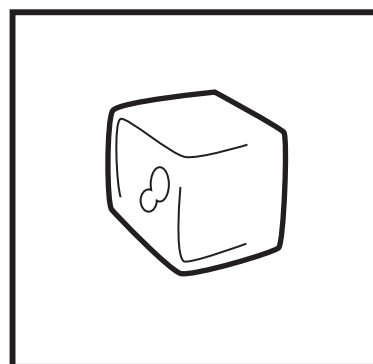
Item 2: Which two pictures show what goes into making a pizza?



pepperoni



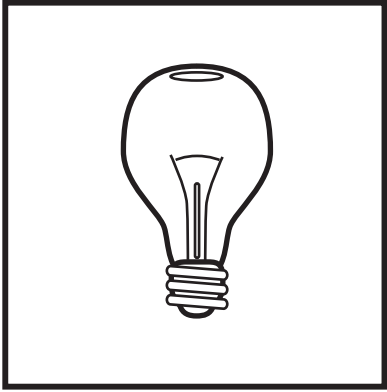
flour



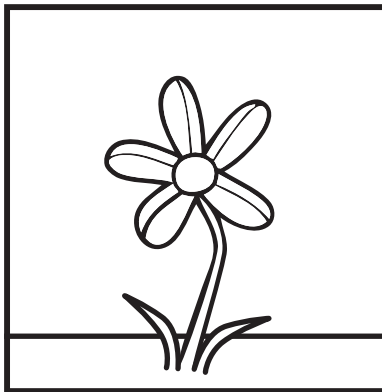
ice cube

## TASK 1.10: CONCEPTS OF PHYSICAL SCIENCE

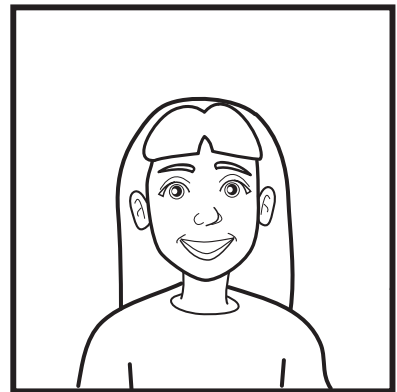
Item 3: Which one runs on electricity?



light bulb

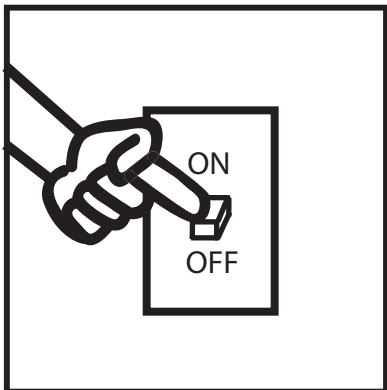


plant

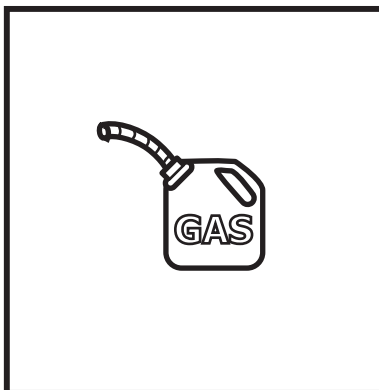


person

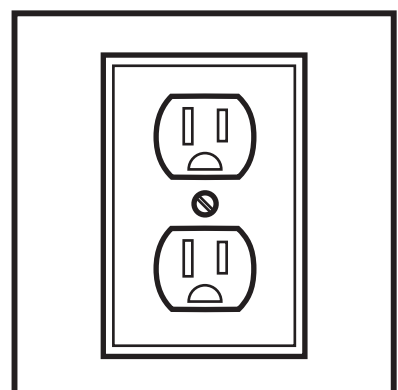
Item 4: Which picture shows what we would plug a microwave into?



switch



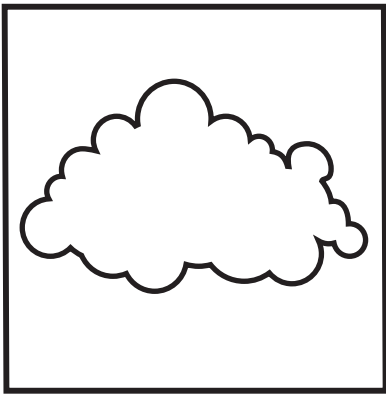
gas can



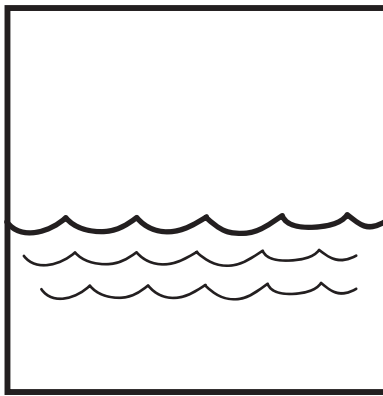
electrical outlet

## TASK 1.10: CONCEPTS OF PHYSICAL SCIENCE

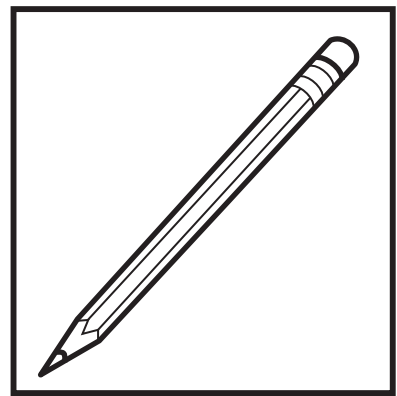
Item 5: Which picture shows something that is a solid?



cloud

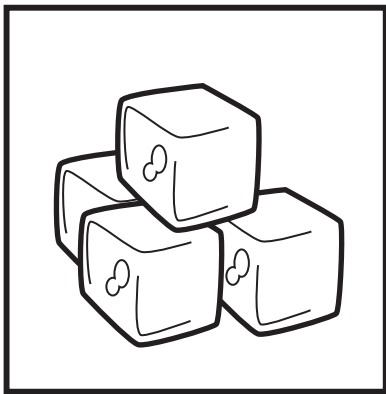


water

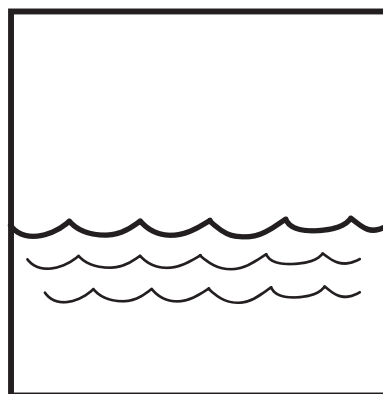


pencil

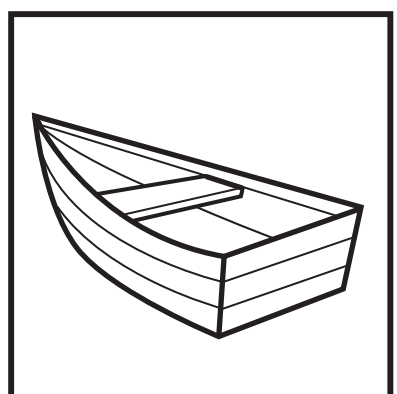
Item 6: Which picture shows something that is a liquid?



ice cubes



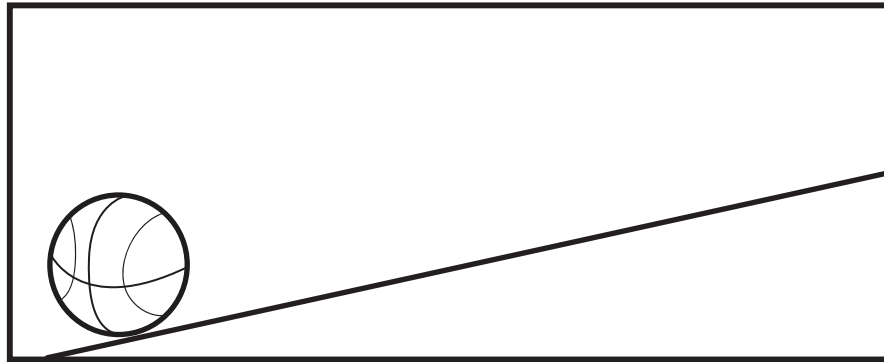
water



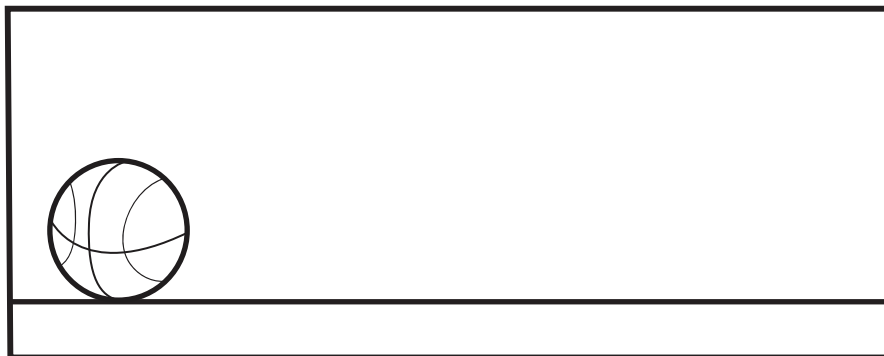
a boat

**TASK 1.10: CONCEPTS OF PHYSICAL SCIENCE**

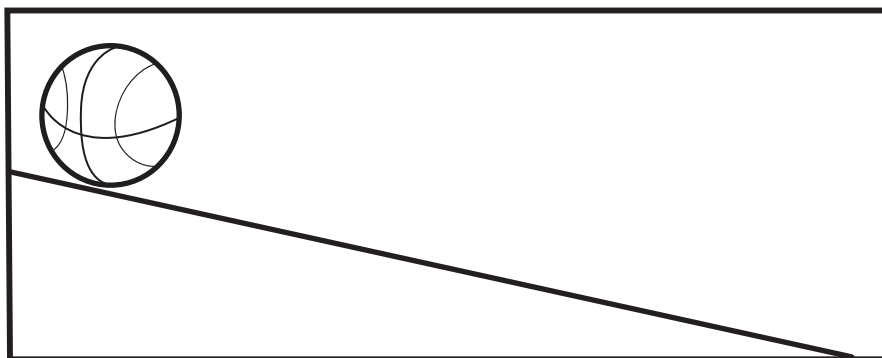
Item 7: Which picture shows the fastest way the ball could be rolled?



up a hill



flat ground



down a hill

**TASK 1.10: CONCEPTS OF PHYSICAL SCIENCE**

Item 8: When the ice cream cone melts, which way do the drops of ice cream melt, up, down, or sideways?



ice cream cone melting

**up**

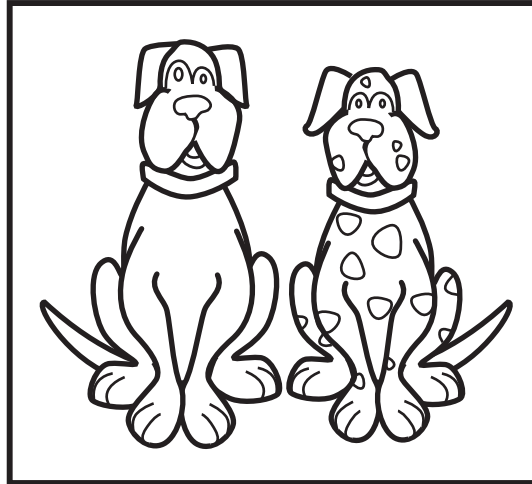
**down**

**sideways**

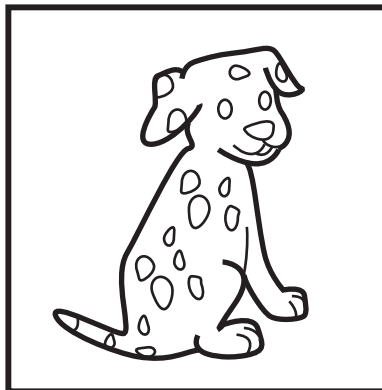


## TASK 2.10: CONCEPTS OF LIFE SCIENCE

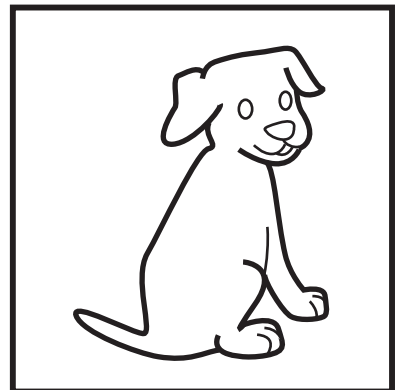
Item 1: Which puppy inherited the spots?



puppy #1



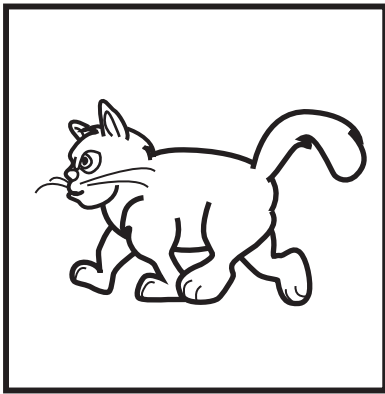
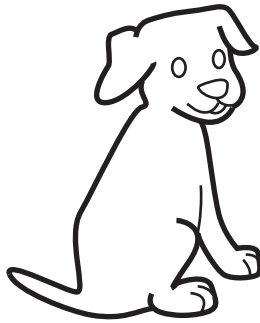
puppy #2



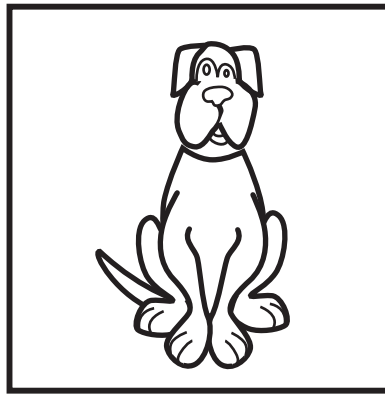
puppy #3

## TASK 2.10: CONCEPTS OF LIFE SCIENCE

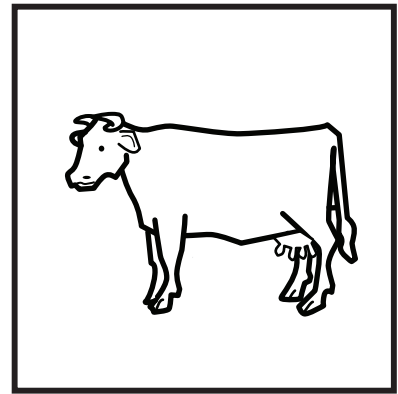
Item 2: Which animal is the puppy's parent?



cat

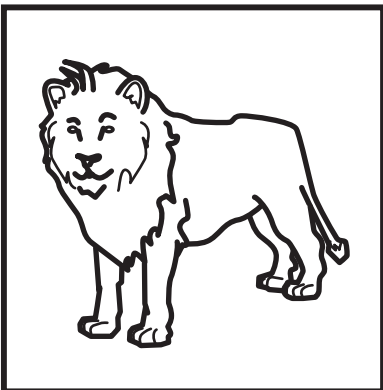


dog

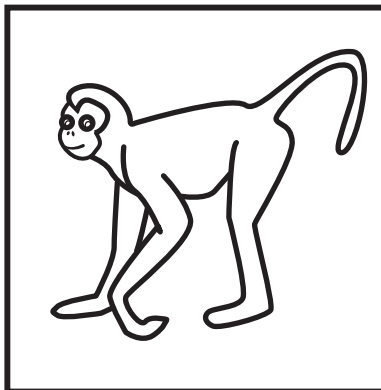


cow

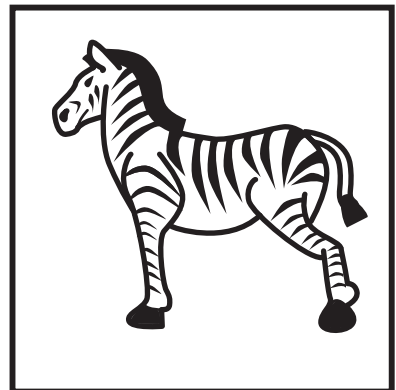
Item 3: Which animal has adapted a tail to help it climb trees?



lion



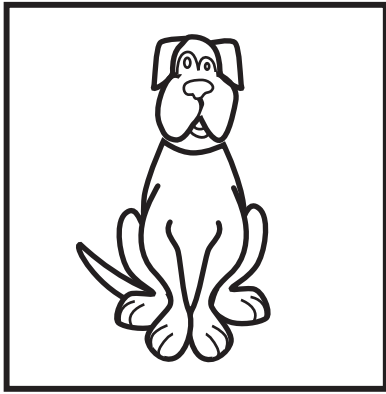
monkey



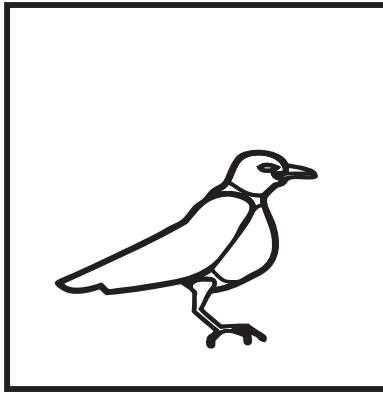
zebra

## TASK 2.10: CONCEPTS OF LIFE SCIENCE

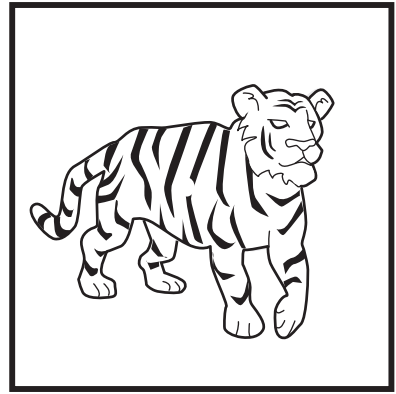
Item 4: Which animal has adapted wings to fly?



dog

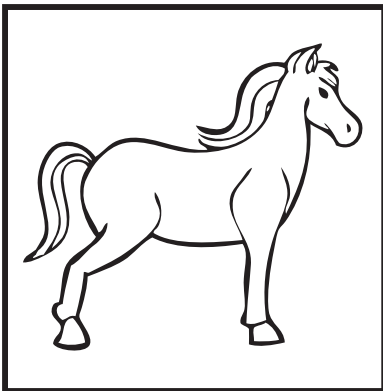


bird

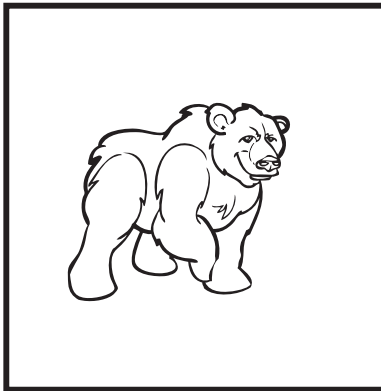


tiger

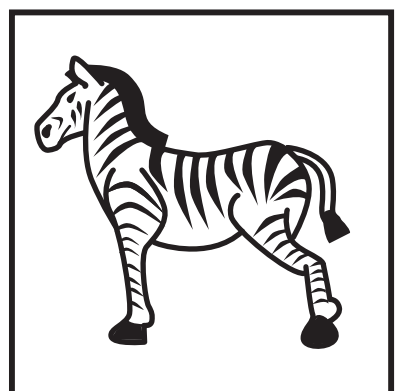
Item 5: Which animal is an omnivore, or an animal that eats both plants and animals?



horse



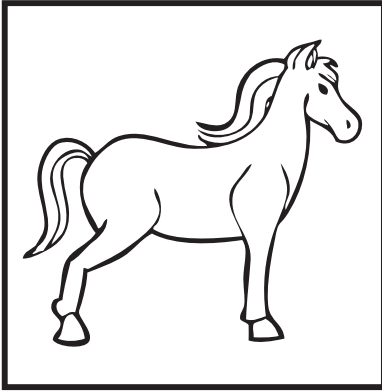
bear



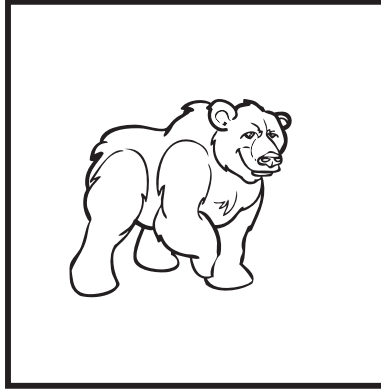
zebra

**TASK 2.10: CONCEPTS OF LIFE SCIENCE**

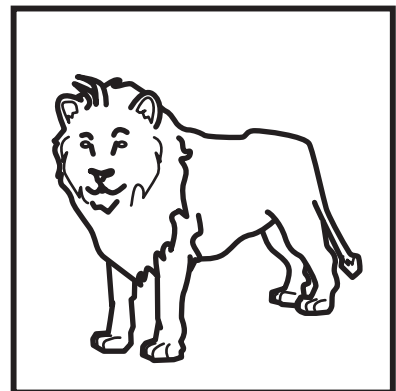
Item 6: Which animal is an herbivore, or an animal that only eats plants?



horse



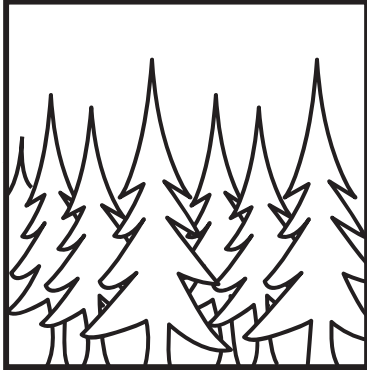
bear



lion

**TASK 3.10: CONCEPTS OF EARTH SCIENCE**

Item 1: Which picture shows where big rocks are made from?



forests

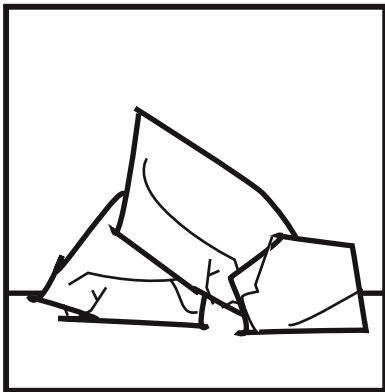


mountains

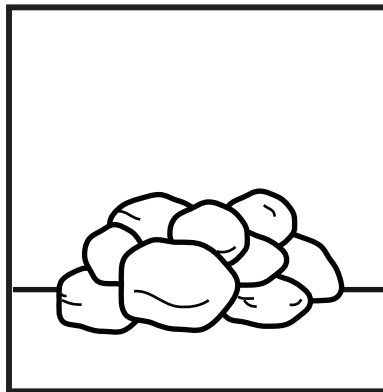


flowers

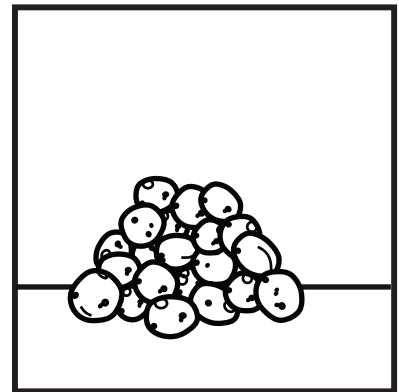
Item 2: Which picture shows rocks that are the least weathered?



1



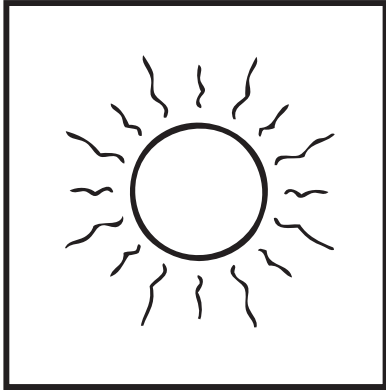
2



3

## TASK 3.10: CONCEPTS OF EARTH SCIENCE

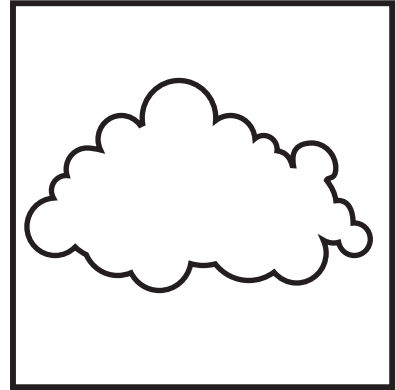
Item 3: Which picture shows when the weather is wet?



sunny

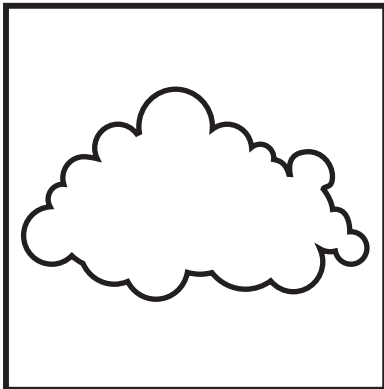


rainy

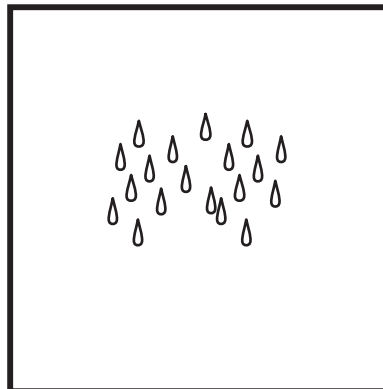


cloudy

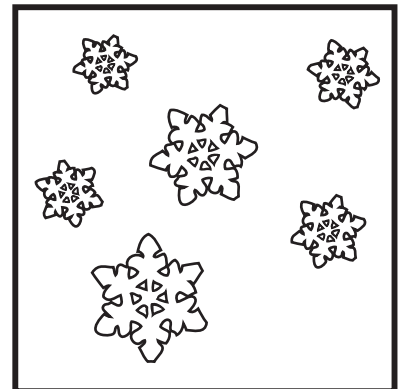
Item 4: Which picture shows water in a state of gas?



cloudy



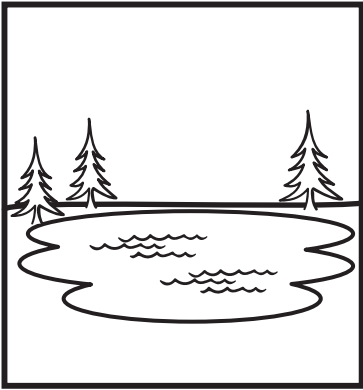
rainy



snowy

**TASK 3.10: CONCEPTS OF EARTH SCIENCE**

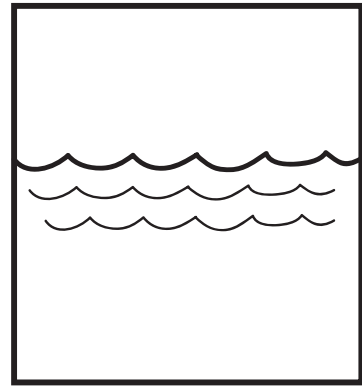
Item 5: Which picture best shows water that will cause change to the land?



lake

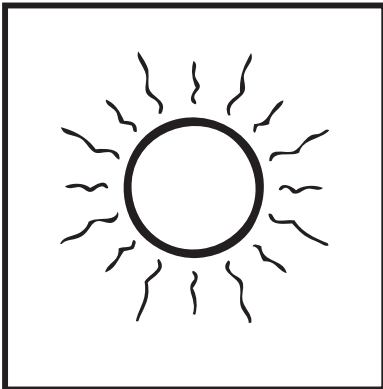


river

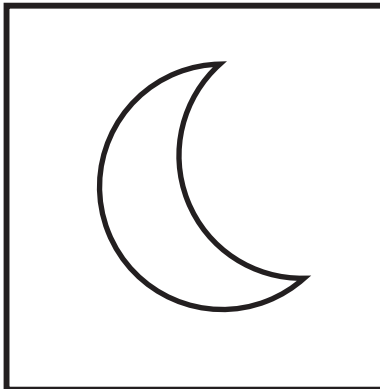


water

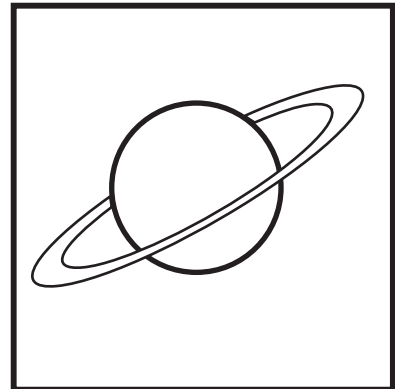
Item 6: Which one orbits around the earth?



Sun

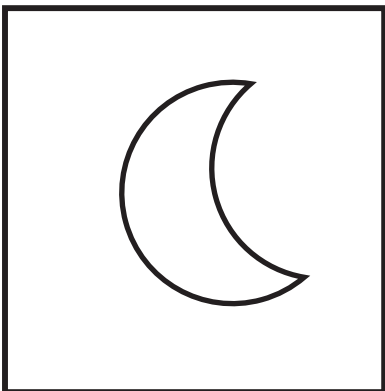


Moon

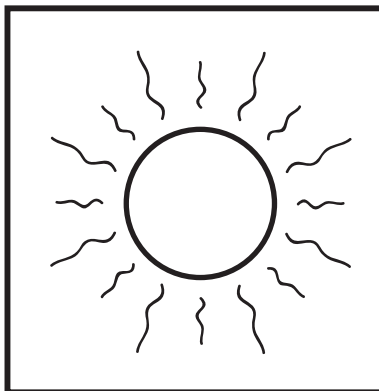


Saturn

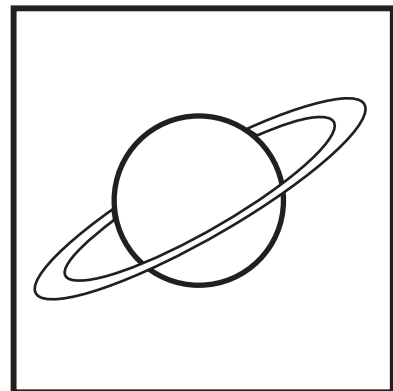
Item 7: In the winter, which one shines brightest during the night?



Moon



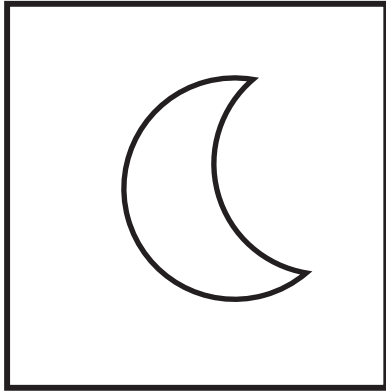
Sun



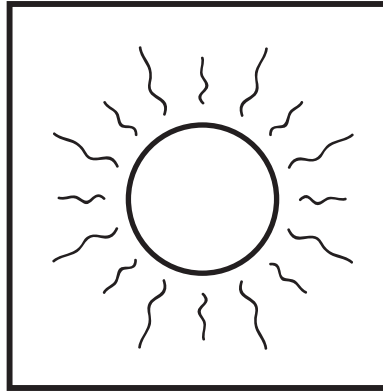
Saturn

## TASK 3.10: CONCEPTS OF EARTH SCIENCE

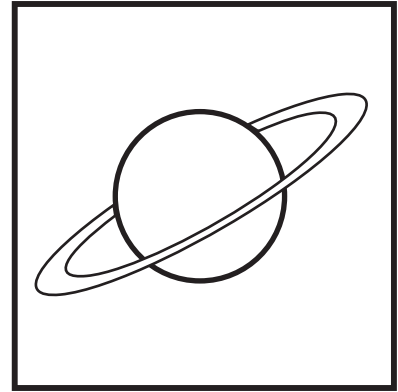
Item 8: Which one is a star?



Moon



Sun



Saturn